

**US Patent and Trademark Office**[Back to the
Journal
Index](#)[Search](#)**Computers & Security, Vol: 14, Issue: 4, pp. 299, 1995****Title:****Stomping out cybersmut****Authors:**

Rupley, Sebastian

Address:

(No address specified)

Keywords:**Abstract (English):**

Will politicians or software get there first? In the race to restrict access to pornography in cyberspace, technological and political solutions are running neck and neck. Earlier this year, the Senate Commerce Committee voted to approve the Communications Decency Act, which would ban pornography on the Internet and **online** services. However, the Department of Justice weighed in against the act, saying that "it threatens First Amendment and privacy rights and would severely complicate efforts to prosecute child pornography cases. The Department of Justice also called for investigation into technical means to restrict access to pornography **online** content. The Decency Act has been widely criticized by **online** service providers and those who support an uncensored Internet.

At the same time, though, parents and teachers have grown increasingly outraged at the proliferation of sexually explicit material in Internet newsgroups, home pages and **online** services. There are a few emerging technical solutions to screen out **online** pornography. On the **online** service and Web browser fronts, there are efforts to screen out pornography. CompuServe constantly **updates** a **database** of lewd keywords. America **Online** includes AOL Parental Control which empowers parents to screen out unwanted material.

Publisher:

Elsevier Science

Language of Publication:

English

Item Identifier:

0167-4048(95)97075-L

Publication Type:

Abstract

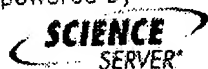
ISSN:

0167-4048

This journal article is available on-line in the following forms:

- [Article Full-text PDF \(112 KB\)](#)
- [Get article citation \(Refer format\)](#)

powered by



[Home](#) | [Help](#) | [Feedback](#)

This page was generated by [ScienceServer](#).

Copyright © 1998 by ScienceServer, LLC



US Patent and Trademark Office

[Back to the
Journal
Index](#)

[Search](#)

Information Processing & Management, Vol: 33, Issue: 6, pp. 739-744, November 1997

Title:

A prefix trie index for inverted files

Authors:

Nelson, Michael J.^a

Affiliations:

a. School of Library and Information Science, Elborn College, University of
Western Ontario, London, Ontario, NG6 1H1, Canada

Address:

(No address specified)

Keywords:

Abstract (English):

A prefix trie index (originally called trie hashing) is applied to the problem of providing fast search times, fast load times and fast **update** properties in a bibliographic or full text retrieval system. For all but the largest dictionaries a single key search in the dictionary under trie hashing takes exactly one disk read. Front compression of search keys is used to enhance performance. Partial combining of the postings into the dictionary is analyzed as a method to give both faster retrieval and improved **update** properties for the trie hashing inverted file. Statistics are given for a test **database** consisting of an **online** catalog at the Graduate School of Library and Information Science Library of the University of Western Ontario. The effect of changing various parameters of prefix tries are tested in this application.

Publisher:

Elsevier Science

Language of Publication:

English

Item Identifier:

S0306-4573(97)00037-X

Publication Type:

Full Length Article

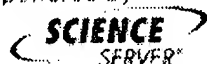
ISSN:

0306-4573

This journal article is available on-line in the following forms:

- [Article Full-text PDF \(372 KB\)](#)
- [Get article citation \(Refer format\)](#)

powered by



[Home](#) | [Help](#) | [Feedback](#)

This page was generated by ScienceServer.

Copyright © 1998 by ScienceServer, LLC

[Simple search
form](#)

[Expanded search
form](#)

Search Results:

Search for: (online database update and module blocks)

Database: [Electronic Journals](#)

Returned: 0 documents (Maximum set to: 50)

Search executed on: Thursday, 28-Jun-01 13:53:34 EDT.
MPS Server, Copyright (C) 1993-1999, FS Consulting Inc. All rights reserved.
Version: 2.5.3 - production (Aug 5 1999, 14:29:26).

Search on database: journals
This database contains 41,439,185 words in 397,275 documents.
There are 1,830,739 unique words and 547 stop words.
The database was indexed using the plural stemmer

Your search:
(online database update and module blocks)

Is equivalent to:
(online database AND update AND and AND module AND blocks AND)

Search for 'online', stemmed to 'online'
'online' occurs 416 times in 261 documents

Search for 'database', stemmed to 'database'
'database' occurs 3,929 times in 2,411 documents

Search for 'update', stemmed to 'update'
'update' occurs 554 times in 463 documents

Search for 'and', stemmed to 'and'
'and' is a stop word and is not indexed

Search for 'module', stemmed to 'module'
'module' occurs 2,721 times in 1,272 documents

Search for 'blocks', stemmed to 'block'
'block' occurs 8,047 times in 4,842 documents

The search retrieved no documents.

The search took less than a second.

powered by



[Home](#) | [Help](#) | [Feedback](#)

This page was generated by [ScienceServer](#).

Copyright © 1998 by ScienceServer, LLC

**Most Frequently Occurring Classifications of Patents Returned
From A Search of 09369960 on June 28, 2001**

Original Classifications

4 713/200
3 707/10
2 455/456
2 705/54

Cross-Reference Classifications

3 380/30
2 340/990
2 340/995
2 345/352
2 704/251
2 705/26
2 705/39
2 705/58
2 707/3
2 713/201

Combined Classifications

5 713/200
4 380/30
4 707/10
3 705/54
2 340/990
2 340/995
2 345/333
2 345/352
2 380/286
2 455/456
2 704/251
2 705/26
2 705/39
2 705/52

2 705/58

2 707/3

2 707/9

2 709/223

2 713/155

2 713/201

PLUS Search Results for S/N 09369960, Searched June 28, 2001

6205478
6116035
5432934
5355497
5535276
5423034
5737419
6018342
5612869
5659596
5504893
5542072
5199070
5822529
5892900
5910987
5915019
5949876
5982891
6237786
6253193
5917912
5802492
6108683
5793761
5786846
6115471
5999975
5568551
5287537
5929851
6065118
5920630
6078902
5241621
6038602
5913175
5764731
6244987
6029195
5559707
5918222
6064666
5749377
6052781
6195092
6199067
6075843
6141011
6232970

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09369960 on June 28, 2001

5	713/200	(4 OR, 1 XR)
	Class 713 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
	713/200	SECURITY
4	380/30	(1 OR, 3 XR)
	Class 380 :	CRYPTOGRAPHY
	380/28	PARTICULAR ALGORITHMIC FUNCTION ENCODING
	380/30	.Public key
4	707/10	(3 OR, 1 XR)
	Class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
	707/1	DATABASE OR FILE ACCESSING
	707/10	.Distributed or remote access
3	705/54	(2 OR, 1 XR)
	Class 705 :	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
	705/50	BUSINESS PROCESSING USING CRYPTOGRAPHY
	705/51	.Usage protection of distributed data files
	705/52	..Usage or charge determination
	705/54	...Adding plural layers of rights or limitations by other than the original producer
2	340/990	(0 OR, 2 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/988	VEHICLE POSITION INDICATION
	340/989	.At remote location
	340/990	..With map display
2	340/995	(0 OR, 2 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/988	VEHICLE POSITION INDICATION
	340/995	.Map display
2	345/333	(1 OR, 1 XR)
	Class 345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
	Could not find subclass title.	
2	345/352	(0 OR, 2 XR)
	Class 345 :	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
	Could not find subclass title.	
2	380/286	(1 OR, 1 XR)
	Class 380 :	CRYPTOGRAPHY
	380/277	KEY MANAGEMENT
	380/286	.Key escrow or recovery

2 455/456 (2 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 .Zoned or cellular telephone system
455/456 ..Location monitoring

2 704/251 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/251 ..Word recognition

2 705/26 (0 OR, 2 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
PRACTICE OR MANAGEMENT ARRANGEMENT
705/26 .Electronic shopping (e.g., remote ordering)

2 705/39 (0 OR, 2 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
PRACTICE OR MANAGEMENT ARRANGEMENT
705/35 .Finance (e.g., banking, investment or credit)
705/39 ..Including funds transfer or credit
transaction

2 705/52 (1 OR, 1 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY
705/51 .Usage protection of distributed data files
705/52 ..Usage or charge determination

2 705/58 (0 OR, 2 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY
705/51 .Usage protection of distributed data files
705/57 ..Copy protection or prevention
705/58 ...Having origin or program ID

2 707/3 (0 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)

2 707/9 (1 OR, 1 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/1 DATABASE OR FILE ACCESSING
707/9 .Privileged access

2 709/223 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/200 MULTICOMPUTER DATA TRANSFERRING
709/223 .Computer network managing

2 713/155 (1 OR, 1 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT
713/150 MULTIPLE COMPUTER COMMUNICATION USING
CRYPTOGRAPHY
713/155 .Central trusted authority provides computer
authentication

2 713/201 (0 OR, 2 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT
713/200 SECURITY
713/201 .Computer network